

Claims

It is claimed

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1. Implant for medical purposes based on a physiologically compatible plastic, wherein it is composed of thin foldable structural elements having a surface that is wettable by a fluid lubricant.

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2. Implant as claimed in claim 1, wherein it is surrounded by a covering.

3. Implant as claimed in claim 1 or 2, wherein it has the shape of a foil with a thickness of 10 to 200  $\mu\text{m}$ .

4. Implant as claimed in claim 1 or 2, wherein it has a strand form with a thickness of 0.1 to 1 mm per strand.

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5. Implant as claimed in claim 1 or 2, wherein it is composed of tubular foils.

Cont

6. Implant as claimed in one of the claims 1 to 5, wherein it has a hydrophilized surface.

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cont

7. Implant as claimed in claim 6,  
w h e r e i n  
it contains an aqueous fluid as the lubricant.
8. Implant as claimed in one of the previous claims,  
w h e r e i n  
the thin foldable structural element is capable of  
swelling when contacted with a suitable liquid.
9. Implant as claimed in one of the previous claims,  
w h e r e i n  
the lubricant is swellable.
10. Implant as claimed in claim 9,  
w h e r e i n  
the lubricant is a polysaccharide or  
glucosaminoglycan.
11. Implant as claimed in one of the claims 1 to 5,  
w h e r e i n  
the thin foldable structural element has a  
hydrophobized surface.
12. Implant as claimed in claim 11,  
w h e r e i n  
it contains fat or oil as the fluid lubricant.
13. Implant as claimed in one of the previous claims,  
w h e r e i n  
the plastic is a silicone rubber.

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cont

14. ~~Implant as claimed in claim 13,  
w h e r e i n  
the silicone rubber is composed of polydimethyl-  
siloxane.~~
15. ~~Implant as claimed in one of the claims 1 to 10,  
wherein  
the plastic is a polysaccharide.~~
16. ~~Implant as claimed in claim 8, 9 and 15,  
w h e r e i n  
the polysaccharide is cuprophane foil.~~
17. ~~Implant as claimed in one of the previous claims,  
w h e r e i n  
the foldable structural element has a foam  
structure.~~
18. ~~Implant as claimed in one of the previous claims,  
w h e r e i n  
an X-ray contrast medium or a dye is incorporated  
into the plastic of the structural element.~~

add  
B5

add  
C1

add  
G17

add J